## PATENT COOPERATION TREAT

INTERNATIONAL SEARCE	HING AUTH	HORITY					
To: CRAIG J. ARNOLD AMSTER, ROTHSTEIN & EBENSTEIN LLP 90 PARK AVENUE			PCT				
NEW YORK, NY 10016			WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY				
			(PCT Rule 43bis.1)				
			Date of mailing 0.5 JAN 2005 (day/month/year)				
Applicant's or agent's file reference			FOR FURTHER ACTION				
96700/884			See paragraph 2 below				
International application No	).	International filing date	(day/month/year) Priority date (day/month/year)				
PCT/US04/20902 International Patent Classifi	antion (IDC)	30 June 2004 (30.06.20	004) 02 July 2003 (02.07.2003)				
			uon and IPC				
IPC(7): A61K 31/455 and U Applicant	JS Cl.: 514/	355					
ALBERT EINSTEIN COLI	EGE OF M	EDICINE OF VESHIVA	UNIVEDSITY				
THE PROPERTY COL	ELGE OF W	EDICINE OF TESHIVA	UNIVERSITI				
1. This opinion contains in	ndications re	lating to the following iter	ns:				
Box No. I Basis of the opinion							
Box No. II	. II Priority						
Box No. III	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability						
Box No. IV	Lack of unity of invention						
Box No. V	Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement						
Box No. VI	Certain documents cited						
Box No. VII	Certain defects in the international application						
Box No. VIII	Certain observations on the international application						
2. FURTHER ACTION	N						
If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1 bis (b) that written opinions of this International Searching Authority will not be so considered.							
If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.							
For further options, see Form PCT/ISA/220.							
3. For further details, see notes to Form PCT/ISA/220.							
Name and mailing address o		S	Authorized officer	<u> </u>			
Mail Stop PCT, Attn Commissioner for Pa			Rebecca L Anderson J. Roberts for				
P.O. Box 1450 Alexandria, Virginia 22313-1450			Telephone No. (571) 272 1600				

Facsimile No. (703)305-3230
Form PCT/ISA/237 (cover sheet) (January 2004)

## WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

Internatio application No.

PCT/US04/20902

Box No. 1 Basis of this opinion						
1. With regard to the language, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.	h					
This opinion has been established on the basis of a translation from the original language into the following language which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).	,•					
2. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:						
a. type of material						
a sequence listing						
table(s) related to the sequence listing						
b. format of material						
in written format						
in computer readable form						
c. time of filing/furnishing						
contained in international application as filed.						
filed together with the international application in computer readable form.						
furnished subsequently to this Authority for the purposes of search.	i					
In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.						
4. Additional comments:						
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## WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

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Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability 1. The questions whether the claimed invention appears to be novel, to involve an inventive step (to be non-obvious), or to be industrially applicable have not been examined in respect of: the entire international application claims Nos. 2-48 because: the said international application, or the said claim Nos. \_\_\_\_\_ relate to the following subject matter which does not require an international preliminary examination (specify): the description, claims or drawings (indicate particular elements below) or said claims Nos. 2-48 are so unclear that no meaningful opinion could be formed (specify): The numerous variables, e.g. (formula I, II, III, IV, V, structures 1-24, R1, R2, R3, R4, Y, X, R5, etc.) and their voluminous, complex meanings and their virtual incomprehensible permutations and combinations make it impossible to determine the full scope and complete meaning of the claimed subject matter. As presented the claimed subject matter cannot be regarded as being a clear and concise description for which protection is sought and as such the listed claims do not comply with the requirements of PCT Article 6. Thus it is impossible to carry out a meaningful written opinion on same. A written opinion will be carried out on the first discernable invention of claim 1which is the compound of example 3, page 35, 2-fluoronicotinamide. the claims, or said claims Nos. \_\_\_\_ are so inadequately supported by the description that no meaningful opinion could be formed. no international search report has been established for said claims Nos. the nucleotide and/or amino acid sequence listing does not comply with the standard provided for in Annex C of the Administrative Instructions in that: the written form has not been furnished does not comply with the standard the computer readable form has not been furnished does not comply with the standard the tables related to the nucleotide and/or amino acid sequence listing, if in computer readable form only, do not comply with the technical requirements provided for in Annex C-bis of the Administrative Instructions. See Supplemental Box for further details.

## WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

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Box No. V Reasoned statement under Rule 43 bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement						
1. Statement						
Novelty (N)	Claims	NONE	YES			
	Claims					
Inventive step (IS)	Claims	NONE	YES			
	Claims	1	NO			
Industrial applicability (IA)	Claims	1	YES			
	Claims	NONE	NO			
2. Citations and explanations:						
Claim 1 lacks novelty under PCT Article 33(2) as b fluoronicotinamide and antimetabolite tests. Since of under PCT Article 33(3).	eing anticipated claim 1 lacks no	i by MINOR ET AL. which ovelty under PCT Article 33(2	tiscloses the compound 2- 2), the claim also lacks inventive step			
Claim 1 meets the criteria set out in PCT Article 33 made or used in industry.	3(4), and thus he	as industrial applicability beca	use the subject matter claimed can be			
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